Tel: 1300 653 366 Fax: 1300 883 171 AWQC

Internet: www.awqc.com.au Email: producttesting@awqc.com.au

FINAL REPORT

Report ID: 352987

Report Information

Submitting Organisation: 00109376: HANSEN PRODUCTS (NZ) LIMITED

Account: 130354: Hansen Products (NZ) Limited - AS/NZS 4020 Testing

AWQC Reference: 130354-2022-CSR-4: Prod Test: Rain Relief Valve - Slo Flo

Project Reference: PT-5031

Product Designation: Rain Relief Valve - Slo-Flo

Composition of Product: Plastic - see attachments.

Product Manufacturer: Hansen Products (NZ) Limited, Union East St, Whangarei, NEW ZEALAND.

Use of Product: In-Line/Diaphragm Valve.

Sample Selection: As provided by the submitting organisation.

Testing Requested: AS/NZS 4020:2018 TESTING OF PRODUCTS FOR USE IN CONTACT WITH DRINKING

WATER

Product Type: Composite

Samples: Samples were prepared and controlled as described in Appendix A of AS/NZS 4020:2018

(Incorporating Amendment No.1)

Extracts: Extracts were prepared as described in Appendix/Clause C, D, E, F, G, H, 6.8.

Project Completion Date: 29-Dec-2022

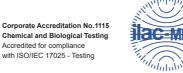
Project Comment: Sample received 16-Sep-2022, testing commenced on the 16-Sep-2022. Product range to

include RapidFlo and Slo-Flo.

PLEASE NOTE THAT THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL

THE RESULTS STATED IN THIS REPORT RELATE TO THE SAMPLE OF THE PRODUCT SUBMITTED FOR TESTING TO ASNZS 4020:2018. ANY CHANGES IN THE MATERIAL FORMULATION, PROCESS OF MANUFACTURE, THE METHOD OF APPLICATION, OR THE SURFACE AREA-TO-VOLUME RATIO IN THE END USE, COULD AFFECT THE SUITABILITY OF THE PRODUCT FOR USE IN CONTACT WITH DRINKING WATER





1. Uncertainty of Measurement is reported with a coverage factor of 2 providing approximately 95% confidence interval

2. Where a result is required to meet compliance limits the associated measurement uncertainty must be considered. Measurement uncertainty is available at

nttps://www.awqc.com.au/our-services/Water-quality-testing-and-analysis/measurement-uncertainty

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Summary of Results

APPENDIX/CLAUSE	RESULTS
C - Taste	Passed when tested at the end-use exposure (assembly in contact with a minimum volume of 5000 mL).
D - Appearance	Passed when tested at the end-use exposure (assembly in contact with a minimum volume of 5000 mL).
E — Growth of Aquatic Micro-organisms	Passed at the end-use exposure.
F — Cytotoxic Activity	Passed when tested at the end-use exposure (assembly in contact with a minimum volume of 5000 mL).
G — Mutagenic Activity	Passed when tested at the end-use exposure (assembly in contact with a minimum volume of 5000 mL).
H — Metals	Passed when tested at the end-use exposure (assembly in contact with a minimum volume of 5000 mL).
6.8 — Organic Compounds	Passed when tested at the end-use exposure (assembly in contact with a minimum volume of 5000 mL).

Test Methods

Test(s) in Appendix	AWQC Test Method	NATA Accredited
С	T0320-01	Y
D	TO029-01 & TO018-01	Y
E	TO014-03	Y
F	TM-001	Y
G	TM-002	Y
Н	TIC-006	Y

Organic Test Methods

Test(s) in Clause	Test Method	NATA Accredited
Clause 6.8	TMZ-M36	Y
	EP239	Y
	EP132-LL	Y
	EP075C	Y
	EP075ASIM	Υ



Corporate Accreditation No.1115 Chemical and Biological Testing Accredited for compliance with ISO/IEC 17025 - Testing



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Notes

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measurement-uncertainty

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FINAL REPORT

352987 Report ID:

Laboratory Information

Laboratory	NATA accreditation ID
Product Testing	1115
Australian Laboratory Services Pty Ltd - New South Wales	825,992
Inorganic Chemistry - Physical	1115
Protozoology	1115
Organic Chemistry	1115
Inorganic Chemistry - Metals	1115
Inorganic Chemistry - Waste Water	1115
Analytical Quality Control	
Summary Comment : Not applicable.	





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Corporate Accreditation No.1115

Chemical and Biological Testing

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